

23237

15 MAR 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 April 2004 (01.04.2004)

PCT

(10) International Publication Number
WO 2004/028190 A1

(51) International Patent Classification⁷: **H04Q 7/38,**
H04L 12/28

(21) International Application Number:
PCT/EP2003/010114

(22) International Filing Date:
11 September 2003 (11.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
TO2002A000824
20 September 2002 (20.09.2002) IT

Firenze (IT). **BARBERIS, Sergio** [IT/IT]; Telecom Italia S.p.A., Via G.Reiss Romoli, 274, I-10148 Torino (IT). **MAGNANI, Nicola, Pio** [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT). **SPINI, Marco** [IT/IT]; Telecom Italia S.p.A, Via G. Reiss Romoli, 274, I-10148 Torino (IT).

(74) Agents: **GIANNESI, Pier, Giovanni** et al.; Pirelli S.p.A., Viale Sarca, 222, I-20126 Milan (IT).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (*for all designated States except US*): **TELECOM ITALIA S.P.A.** [IT/IT]; Pizza degli Affari, 2, I-20123 Milano (IT).

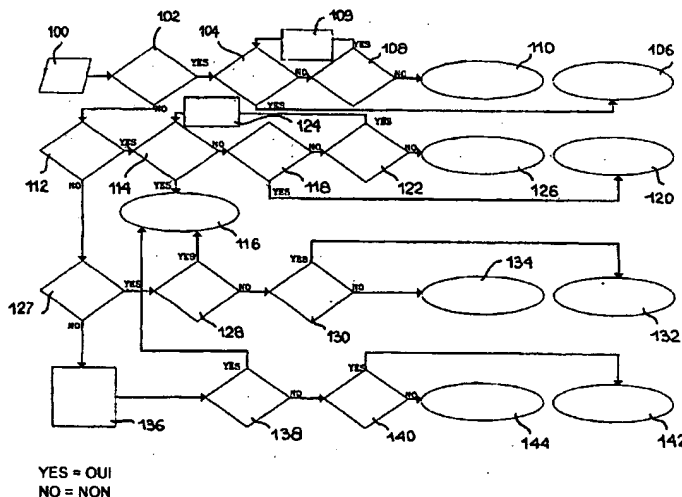
(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **ARDUINI, Francesco** [IT/IT]; Via Castello d'Altafronte, 2, I-50122

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: A METHOD FOR PROVIDING TELECOMMUNICATIONS SERVICES, RELATED SYSTEM AND INFORMATION TECHNOLOGY PRODUCT



(57) **Abstract:** A method for providing telecommunications services in an environment in which a plurality of telecommunications systems operate according to different standards (WLAN, UMTS) and are reachable from a terminal (T) in an integrated manner, wherein at least one of said services can be provided by more systems. Upon the provision request for the above-cited service, the method according to the invention envisages the steps of: - verifying the availability for the provision of the requested service, of at least a first (WLAN) and a second (UMTS) system, and - selecting, in an automatic and dynamic way, one between at least said first (WLAN) and said second (UMTS) system for the provision of the service being requested.

WO 2004/028190 A1

WO 2004/028190 A1**Declarations under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE,

DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations
- of inventorship (Rule 4.17(iv)) for US only

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.